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BOX 560

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Frederick M. Espiau et al.

Title: PLASMA LAMP WITH DIELECTRIC WAVEGUIDE

Docket No.: 2447.001US2

Serial No.: 10/771,788

Filed: February 4, 2004

Due Date: N/A

Examiner: Unknown

Group Art Unit: 2821

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ Return postcard.
- ☒ Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (16 pgs.), 204 cited documents.
- ☒ Authorization to charge Deposit Account 19-0743 in the amount of \$180.00 to cover the fee for consideration of Information Disclosure Statement under 97(c).
- ☒ List of Motions and Exhibits (18 pgs.)

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

By: Garth Vivier

Atty: Garth Vivier

Reg. No. 57,313

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as priority mail, in a box addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 15<sup>th</sup> day of December, 2006.

Kimberly Brown

Name

Kimberly Brown

Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)



S/N 10/771,788

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Frederick M. Espiau et al.	Examiner:	Unknown
Serial No.:	10/771,788	Group Art Unit:	2821
Filed:	February 04, 2004	Docket:	2447.001US2
Title:	PLASMA LAMP WITH DIELECTRIC WAVEGUIDE		

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Interference No. 105,393 was declared with respect to the parent patent 6,737,809. The interference is in the preliminary motions phase and motions, oppositions and replies have been filed (which are cited in the attached Form 1449). These motions, oppositions and replies make reference to exhibits (which are also cited in the attached Form 1449). In order to facilitate review by the examiner, a chart is attached hereto listing the motions and exhibits from the interference with comments indicating whether each was previously cited or cited in the Form 1449 filed herewith. It should be noted that the titles in the chart correspond to the exhibit lists submitted in the interference and may thus differ from the detailed citations in the Form 1449 which comply with USPTO requirements. The citations on the Form 1449 filed herewith also list the exhibit numbers to facilitate review by the Examiner.

12/22/2006 AWDC2F1 00090001 150743 15/71756

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :10/771,788

Filing Date: February 04, 2004

Title: PLASMA LAMP WITH DIELECTRIC WAVEGUIDE

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Dkt: 2447.001US2

Pursuant to 37 C.F.R. §1.97(c)(2), Applicants hereby authorize the Commissioner to charge the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p), to Deposit Account No. 19-0743. Please charge any additional fees or credit any overpayment to Deposit Account No. 19-0743.

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications, and Non-Published Applications identifiable by USPTO Serial Number, are no longer required to be provided to the Office. Notification of this change to this effect was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004 and October 19, 2004. Thus, Applicant has not included copies of any US Patents or US Patent Applications identifiable by serial number that may be cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Respectfully submitted,

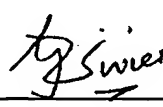
FREDERICK M. ESPIAU ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
408-278-4041

Date 12/15/2006

By

  
\_\_\_\_\_  
Garth Vivier  
Reg. No. 57,313

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as priority mail, in a box addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 15th day of December 2006.

Kimberly Brown  
\_\_\_\_\_  
Name

Kimberly Brown  
\_\_\_\_\_  
Signature

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/771,788
Filing Date	February 4, 2004
First Named Inventor	Espiau, Frederick
Group Art Unit	2821
Examiner Name	Unknown

Sheet 1 of 16

Attorney Docket No: 2447.001US2

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-20010035720A1, identified in Patent Interference No. 105,393 as Espiau Exhibit 1087.	11/01/2001	Guthrie, C. , et al.	03/26/2001
	US-20020001056A1, identified in Patent Interference No. 105,393 as Guthrie Exhibit 2126.	01/03/2002	Sandberg, E. , et al.	04/03/2001
	US-20020001135A1, identified in Patent Interference No. 105,393 as Espiau Exhibit 1093.	01/03/2002	Berman, A. L., et al.	03/26/2001
	US-4,795,658	01/03/1989	Kano, O. , et al.	02/25/1987
	US-4,908,492, identified in Patent Interference No. 105,393 as Espiau Exhibit 1070.	03/13/1990	Okamoto, Y. , et al.	05/05/1989
	US-5,313,373, identified in Patent Interference No. 105,393 as Guthrie Exhibit 2099.	05/17/1994	Bjorner, J. A., et al.	11/25/1992
	US-5,910,754, identified in Patent Interference No. 105,393 as Guthrie Exhibit 2098.	06/08/1999	Simpson, G. R., et al.	05/02/1997
	US-6,016,766, identified in Patent Interference No. 105,393 as Guthrie Exhibit 2101.	01/25/2000	Pirkle, D. R., et al.	12/29/1997
	US-6,020,800, identified in Patent Interference No. 105,393 as Guthrie Exhibit 2086.	02/01/2000	Shigeji, A. , et al.	06/09/1997

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Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

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Examiner Name	Unknown

Sheet 2 of 16

Attorney Docket No: 2447.001US2

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-6,049,170, identified in Patent Interference No. 105,393 as Espiau Exhibit 1011.	04/11/2000	Hochi, A. , et al.	10/30/1997
	US-6,196,297, identified in Patent Interference No. 105,393 as Guthrie Exhibit 2100.	03/06/2001	Campbell, B. J., et al.	05/21/1999
	US-6,291,936	09/18/2001	MacLennan, D. A., et al.	11/25/1998
	US-6,310,443, identified in Patent Interference No. 105,393 as Espiau Exhibit 1041.	10/30/2001	MacLennan, D. A., et al.	07/14/2000
	US-6,476,557	11/05/2002	Leng, Y. , et al.	11/12/1999
	US-6,566,817, identified in Patent Interference No. 105,393 as Espiau Exhibit 1098	05/20/2003	Lapatovich, W. P.	09/24/2001
	US-6,617,806, identified in Patent Interference No. 105,393 as Espiau Exhibit 1009.	09/09/2003	Kirkpatrick, D. A., et al.	02/06/2001
	US-6,922,021, identified in Patent Interference No. 105,393 as Guthrie Exhibit 2091.	07/26/2005	Espiau, F. M., et al.	01/31/2003
	US-6,962,426, identified in Patent Interference No. 105,393 as Espiau Exhibit 1095	11/08/2005	Slobodin, D. E.	11/29/2001

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Substitute Disclosure Statement Form (PTO-1449)

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/771,788
	Filing Date	February 4, 2004
	First Named Inventor	Espiau, Frederick
	Group Art Unit	2821
	Examiner Name	Unknown
Sheet 3 of 16	Attorney Docket No: 2447.001US2	

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
	JP-8-148127, identified in Patent Interference No. 105,393 as Espiau Exhibit 1074.	06/07/1996	Hochi, A. , et al.	
	JP-8148127, identified in Patent Interference No. 105,393 as Espiau Exhibit 1075.	06/07/1996	Hochi, A. , et al.	
	WO-0211181A1, identified in Patent Interference No. 105,393 as Guthrie Exhibit 2056.	02/07/2002	Espiau, F. M., et al.	
	WO-9936940A2, identified in Patent Interference No. 105,393 as Guthrie Exhibit 2084.	07/22/1999	MacLennan, D. A., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
		"Coating Definition", from www.answers.com", <u>Espiau Exhibit 1019, in Board of Patent Appeals and Interferences (Interference No. 105,393), (March 31, 2006), 5 pgs.</u>		
		"Coating" Definition from online dictionary, www.thefreedictionary.com/coating", <u>Espiau Exhibit 1020, in Board of Patent Appeals and Interferences (Interference No. 105,393), (March 21, 2006), 4 pgs.</u>		
		"Coating" Definition from www.WordReference.com", <u>Espiau Exhibit 1021, in Board of Patent Appeals and Interferences (Interference No. 105,393), (March 21, 2006), 2 pgs.</u>		
		"Chapter 4 - Cavity Resonators, Department of the Army Technical Manual, TM 11-673 - Generation and Transmission of Microwave Energy", <u>Guthrie Exhibit 2104, Board of Patent Appeals and Interferences (Interference No. 105,393), (June, 1953), 12 pgs.</u>		
		"Definition of 'Waveguide'", <u>Webster's II New College Dictionary (3rd Edition), Guthrie Exhibit 2047, Board of Patent Appeals and Interferences (Interference No. 105,393), 2 pgs.</u>		
		"Diligence Calendar", <u>Guthrie Exhibit 2044, Board of Patent Appeals and Interferences (Interference No. 105,393), (July, 2000 and August, 2000), 1 pg.</u>		

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STATEMENT BY APPLICANT**

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Application Number	10/771,788
Filing Date	February 4, 2004
First Named Inventor	Espiau, Frederick
Group Art Unit	2821
Examiner Name	Unknown

Sheet 4 of 16

Attorney Docket No: 2447.001US2

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"File History of US 6,566,817, for HIGH INTENSITY DISCHARGE LAMP WITH ONLY ONE ELECTRODE, filed September 24, 2001 by Lapatovich, et al.", <u>Espiau Exhibit 1097, Board of Patent Appeals and Interferences (Interference No. 105,393), 94 pgs.</u>	
		"File History of US 6,922,021 for a "Microwave Energized Plasma Lamp With Solid Dielectric Waveguide, filed by July 26, 2005 by Espiau, et al.", <u>Guthrie Exhibit 2078, Board of Patent Appeals and Interferences (Interference No. 105,393), 468 pgs.</u>	
		"File History of US 6,962,246 for RECIRCULATION OF REFLECTED SOURCE LIGHT IN AN IMAGE PROJECTION SYSTEM, filed November 29, 2001 by Slobodin", <u>Espiau Exhibit 1096, Board of Patent Appeals and Interferences (Interference No. 105,393), 116 pgs.</u>	
		"Fusion Lighting's Website / Lamps for Special Applications", <a href="http://www.web.archive.org/web/20010602134016/fusionlighting.com/special.htm">http://www.web.archive.org/web/20010602134016/fusionlighting.com/special.htm</a> ; <u>Guthrie Exhibit 2125, Board of Patent Appeals and Interferences (Interference No. 105,393), (archived June 2, 2001), 2 pgs.</u>	
		"Google "Coating" Definition Search Results", <u>Espiau Exhibit 1018, in Board of Patent Appeals and Interferences (Interference No. 105,393), (March 31, 2006), 2 pgs.</u>	
		"Handout for Experiment 1: "Cavity Resonator", Electrical Engineering Department School of Engineering and Applied Science, University of California, Los Angeles", <u>Espiau Exhibit 1026, in Board of Patent Appeals and Interferences (Interference No. 105,393), (Winter, 1995), 5 pgs.</u>	
		"Handout for Experiment 3: Cavity Resonator", Electrical Engineering Department, School of Engineering and Applied Science, University of California, Los Angeles", <u>Espiau Exhibit 1025, in Board of Patent Appeals and Interferences (Interference No. 1025), (Winter, 1991), 15 pgs.</u>	
		"Luxim Corporation Consulting Agreement", <u>Espiau Exhibit 1090, Board of Patent Appeals and Interferences (Interference No. 105,393), (June 12, 2006), 6 pgs.</u>	
		"Luxim Corporation's Website", <u>Guthrie Exhibit 2114, Board of Patent Appeals and Interferences (Interference No. 105,393), (April 11, 2006), 50 pgs.</u>	
		"Luxim Corporation, "Microwave Energized Plasma Lamps"; MiPL: Product Development Plan", <u>Guthrie Exhibit 2009, Board of Appeals and Interferences (Interference No. 105,393), (August, 2002), 14 pgs.</u>	
		"Other Disclosure Materials - File: "An External Heat Sink"", <u>Guthrie Exhibit 2025, Board of Patent Appeals and Interferences (Interference No. 105,393), (July 28, 2000), 3 pgs.</u>	
		"Other Disclosure Materials - File: Light Source 2.1", <u>Guthrie Exhibit 2021, Board of Patent Appeals and Interferences (Interference No. 105,393), (August 8, 2000), 4 pgs.</u>	

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Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached

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Application Number	10/771,788
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First Named Inventor	Espiau, Frederick
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Sheet 5 of 16

Attorney Docket No: 2447.001US2

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Other Disclosure Materials - File: Light Source 2.11", <u>Guthrie Exhibit 2026, Board of Patent Appeals and Interferences (Interference No. 105,393), (July 28, 2000), 2 pgs.</u>	
		"Other Disclosure Materials - File: Light Source 2.2A", <u>Guthrie Exhibit 2022, Board of Patent Appeals and Interferences (Interference No. 105,393), (July 27, 2000), 4 pgs.</u>	
		"Other Disclosure Materials - File: Light Source 2.6", <u>Guthrie Exhibit 2023, Board of Patent Appeals and Interferences (Interference No. 105,393), (August 8, 2000), 2 pgs.</u>	
		"Other Disclosure Materials - File: Light Source 2.9", <u>Guthrie Exhibit 2024, Board of Patent Appeals and Interferences (Interference No. 2024), (July 27, 2000), 3 pgs.</u>	
		"Photograph of Gas-Filled Quartz Bulbs", <u>Guthrie Exhibit 2042, Board of Patent Appeals and Interferences (Interference No. 105,393), 1 pg.</u>	
		"Photographs of Full Wavelength Waveguide", <u>Guthrie Exhibit 2040, Board of Patent Appeals and Interferences (Interference No. 105,393), 1 pg.</u>	
		"Photographs of Half Wavelength Ceramic Waveguide", <u>Guthrie Exhibit 2041, Board of Patent Appeals and Interferences (Interference No. 105,393), 1 pg.</u>	
		"Picture of Lamp Fixture", <u>Guthrie Exhibit 2036, Board of Patent Appeals and Interferences (Interference No. 105,393), 1 pg.</u>	
		"Presentation Materials - Wave Guide Material", <u>Guthrie Exhibit 2067, Board of Patent Appeals and Interferences (Interference No. 105,393), 7 pgs.</u>	
		"Priority-Claimed Disclosure Materials - File: Light Source 2.13", <u>Guthrie Exhibit 2020, Board of Patent Appeals and Interferences (Interference No. 105,393), (August 3, 2000), 2 pgs.</u>	
		"Priority-Claimed Disclosure Materials - File: Light Source 2.2", <u>Guthrie Exhibit 2014, Board of Patent Appeals and Interferences (Interference No. 105,393), (July 27, 2000), 3 pgs.</u>	
		"Priority-Claimed Disclosure Materials - File: Light Source 2.3", <u>Guthrie Exhibit 2015, Board of Patent Appeals and Interferences (Interference No. 105,393), (July 19, 2000), 4 pgs.</u>	
		"Priority-Claimed Disclosure Materials - File: Light Source 2.7", <u>Guthrie Exhibit 2018, Board of Patent Appeals and Interferences (Interference No. 105,393), (July 27, 2000), 4 pgs.</u>	
		"Priority-Claimed Disclosure Materials - File: Light Source 2.4", <u>Guthrie Exhibit 2016, Board of Patent Appeals and Interferences (Interference No. 105,393), (August 8, 2000), 4 pgs.</u>	
		"Priority-Claimed Disclosure Materials - File: Light Source 2.5", <u>Guthrie Exhibit 2017, Board of Patent Appeals and Interferences (Interference No. 105,392), (July 28, 2000), 4 pgs.</u>	

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Substitute Disclosure Statement Form (PTO-1449)

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	Application Number	10/771,788
	Filing Date	February 4, 2004
	First Named Inventor	Espiau, Frederick
	Group Art Unit	2821
	Examiner Name	Unknown
Sheet 6 of 16	Attorney Docket No: 2447.001US2	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Priority-Claimed Disclosure Materials - File: Light Source 2.8", <u>Guthrie Exhibit 2019, Board of Patent Appeals and Interferences (Interference No. 105,393), (July 26, 2000), 5 pgs.</u>	
		"Synonyms for the Word 'Direct', from Thesaurus.com", <u>Guthrie Exhibit 2110, Board of Patent Appeals and Interferences (Interference No. 105,393), (June 18, 2006), 1 pg.</u>	
		"Turner Engineering Company: 'Conceptual Design:' Final PowerPoint Presentation", <u>Guthrie Exhibit 2070, Board of Patent Appeals and Interferences (Interference No. 105,393), (May 22, 2000), 30 pgs.</u>	
		"Turner Engineering Corporation's Website", <u>Guthrie Exhibit 2113, Board of Patent Appeals and Interferences (Interference No. 105,393), (June 13, 2006), 25 pgs.</u>	
		BERGAN, D. A., "E-Mail to N. Pisano With Espiau's Objections to Guthrie's Reply Exhibits (Exhibits 2123, 2124, 2125 and 2126)", <u>Espiau Exhibit 1103, Board of Patent Appeals and Interferences (Interference No. 105,393), (September 8, 2006), 5 pgs.</u>	
		BERMAN, A. , "Declaration", <u>Guthrie Exhibit 2071, Board of Patent Appeals and Interferences (Interference No. 105,393), (February 20, 2006), 6 pgs.</u>	
		BLEANEY, B. J., et al., "Electricity and Magnetism, Second Edition, 1965, Oxford at the Clarendon Press", <u>Guthrie Exhibit 2108, Board of Patent Appeals and Interferences (Interference No. 105,393), (1965), 8 pgs.</u>	
		CATLETT, F. W., "Deposition Transcript", <u>Guthrie Exhibit 2007, Board of Patent Appeals and Interferences (Interference No. 105,393), (June 1, 2005), 181 pgs.</u>	
		CHANG, Y. , et al., "PLASMA LAMP, U.S. Provisional Application Ser. No. 60/222,028, filed July 31, 2000", <u>Espiau Exhibit 1012, in Board of Patent Appeals and Interferences (Interference No. 105,393), (July 31, 2000), 28 pgs.</u>	
		ESPIAU, F. M., et al., "File History, PLASMA LAMP WITH DIELECTRIC WAVEGUIDE (Ser. No. 09/809,718, filed March 15, 2001)", <u>Espiau Exhibit 1013, in Board of Patent Appeals and Interferences (Interference No. 105,393), (March 15, 2001), 46 pgs.</u>	
		EVERETT, S. , "Declaration", <u>Guthrie Exhibit 2075, Board of Patent Appeals and Interferences (Interference No. 105,393), (March 13, 2006), 3 pgs.</u>	
		GHANDI, O. P., "Microwave Engineering and Applications, Pergamon Press, Inc.", <u>Guthrie Exhibit 2119, Board of Patent Appeals and Interferences (Interference No. 105,393), (1981), 6 pgs.</u>	
		GRAY, E. , "Reply to Office Action of November 3, 2002, in PLASMA LAMP WITH DIELECTRIC WAVEGUIDE, U.S. Patent Application Ser. No. 09/809,718, filed March 11, 2001", <u>Guthrie Exhibit 2088, Board of Patent Appeals and Interferences (Interference No. 105,393), (March 6, 2003), 76 pgs.</u>	

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Examiner Name	Unknown

Sheet 7 of 16

Attorney Docket No: 2447.001US2

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

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		GRAY, E. , "Reply to Office Communication for PLASMA LAMP WITH DIELECTRIC WAVEGUIDE, U.S. Patent Application Ser. No. 09/809,718 (Espiau)", <u>Guthrie Exhibit 2097, Patent Appeals and Interferences (Interference No. 105,393), (September 27, 2003), 66 pgs.</u>	
		GUPTA, M. S., "Corrected Third Declaration", <u>Guthrie Exhibit 2121, Board of Patent Appeals and Interferences (Interference No. 105,393), (August 1, 2006), 34 pgs.</u>	
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Group Art Unit	2821
Examiner Name	Unknown

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First Named Inventor	Espiau, Frederick
Group Art Unit	2821
Examiner Name	Unknown

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		PRIOR, G. , et al., "WAVE-GUIDE USED FOR THE EXCITATION OF AN ELECTRODE-LESS METAL HALIDE PLASMA LAMP INCORPORATING A SOLID DIELECTRIC MATERIAL", U.S. Provisional Application Ser. No. 60/224,298, filed August 10, 2000 (Guthrie Exhibit 2054, Board of Patent Appeals and Interferences (Interference No. 105,393)).	
		SANDBERG, E. , et al., "A MECHANICAL MEANS OF SEALING THE WINDOW TO AN ELECTRODE-LESS METAL HALIDE BULB THAT IS INTEGRATED INTO A WAVEGUIDE", US Provisional Application Ser. No. 60/262,536, filed January 17, 2001 (Guthrie Exhibit 2094, Board of Patent Appeals and Interferences (Interference No. 105,393)), 6 pgs.	
		SANDBERG, E. , "AN IMPROVED DRIVE CIRCUIT FOR AN ELECTRODE-LESS PLASMA LAMP THAT IS EMBEDDED IN A WAVEGUIDE", US Provisional Patent Application Ser. No. 60/241,198, filed October 17, 2000 (Guthrie Exhibit 2093, Board of Patent Appeals and Interferences (Interference No. 105,393)), 7 pgs.	
		SANDBERG, E. , "Declaration", Guthrie Exhibit 2035, Board of Patent Appeals and Interferences (Interference No. 105,393), (December 12, 2005), 3 pgs.	
		SANDBERG, E. , "Declaration of Edmund Sandberg", Guthrie Exhibit 2010, Board of Patent Appeals and Interferences (Interference No. 105,393), (February 20, 2006), 14 pgs.	
		SANDBERG, E. , et al., "HIGH EFFICIENCY PRISM ASSEMBLY FOR IMAGE PROJECTION", US Provisional Patent Application Ser. No. 60/192,258, filed March 27, 2000 (Espiau Exhibit 1094, Board of Patent Appeals and Interferences (Interference No. 1094)), 21 pgs.	
		SANDBERG, E. , "LIGHT SOURCE FOR USE IN MICRODISPLAY BASED LIGHT ENGINES", U.S. Provisional Application No. 60/192,731, filed March 27, 2000 (Guthrie Exhibit 2045, Board of Patent Appeals and Interferences (Interference No. 105,393)).	
		SHATZ, N. , et al., "Optimal Design of Nonimaging Projector Lens for Use With an RF-Powered Source and a Rectangular Target", Proceedings of SPIE, Vol. 4446, Espiau Exhibit 1080, Board of Patent Appeals and Interferences (Interference No. 105,393), (2002), 14 pgs.	
		SIMON, N. , "Declaration", Espiau Exhibit 1055, Board of Patent Appeals and Interferences (Interference No. 105,393), (May 18, 2006), 4 pgs.	
		SMOLER, D. E. , "Declaration", Guthrie Exhibit 2074, Board of Patent Appeals and Interferences (Interference No. 105,393), (March 13, 2006), 6 pgs.	
		STALLMAN, M. , "Declaration", Guthrie Exhibit 2012, Board of Patent Appeals and Interferences (Interference No. 105,393), (February 21, 2006), 4 pgs.	
		THOMAS, T. , "Guthrie Declaration of Tony Thomas", Guthrie Exhibit 2008, Board of Patent Appeals and Interferences (Interference No. 105,393), (February 19, 2006), 4 pgs.	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/771,788
Filing Date	February 4, 2004
First Named Inventor	Espiau, Frederick
Group Art Unit	2821
Examiner Name	Unknown

Sheet 14 of 16

Attorney Docket No: 2447.001US2

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		TURNER, B. P., "Curriculum Vitae of Brian P. Turner, Ph.D.", <u>Espiau Exhibit 1065, Board of Patent Appeals and Interferences (Interference No. 105,393), 4 pgs.</u>	
		TURNER, B. P., "Declaration", <u>Espiau Exhibit 1066, Board of Patent Appeals and Interferences (Interference No. 105,393), (July 12, 2006), 4 pgs.</u>	
		TURNER, D. , "Declaration", <u>Espiau Exhibit 1034, Board of Patent Appeals and Interferences (Interference No. 105,393), (April 27, 2006), 5 pgs.</u>	
		TURNER, B. P., "Deposition Transcript of Brian P. Turner, Ph.D.", <u>Espiau Exhibit 1099, Board of Patent Appeals and Interferences (Interference No. 105,393), (October 6, 2006), 85 pgs.</u>	
		TURNER, D. B., "Deposition Transcript of David B. Turner", <u>Espiau Exhibit 1067, Board of Patent Appeals and Interferences (Interference No. 105,393), (July 6, 2006), 56 pgs.</u>	
		TURNER, D. , "E-Mail Message to Chan Joshi, et al.", <u>Guthrie Exhibit 2065, Board of Patent Appeals and Interferences (Interference No. 105,393), (May 15, 2000), 1 pg.</u>	
		TURNER, D. , "E-Mail Message to Chan Joshi, et al., with attached PowerPoint Presentation", <u>Guthrie Exhibit 2069, Board of Patent Appeals and Interferences (Interference No. 105,393), (May 18, 2000), 32 pgs.</u>	
		TURNER, D. , "E-Mail Message to Charles Guthrie", <u>Guthrie Exhibit 2068, Board of Patent Appeals and Interferences (Interference No. 105,393), (May 17, 2000), 1 pg.</u>	
		TURNER, D. , "E-Mail Message to Charlie Guthrie", <u>Guthrie Exhibit 2066, Board of Patent Appeals and Interferences (Interference No. 105,393), (May 15, 2000), 1 pg.</u>	
		TURNER, D. , "E-Mail Message to Greg Prior", <u>Guthrie Exhibit 2059, Board of Patent Appeals and Interferences (Interference No. 105,393), (April 16, 2000), 1 pg.</u>	
		TURNER, B. P., "Second Declaration of Brian P. Turner", <u>Espiau Exhibit 1091, Board of Patent Appeals and Interferences (Interference No. 105,393), (September 19, 2006), 2 pgs.</u>	
		VU, D. H., "Notice of Allowability for "PLASMA LAMP WITH DIELECTRIC WAVEGUIDE", U.S. Patent Application Ser. No. 09/809,718, filed March 15, 2001", <u>Espiau Exhibit 1047, Board of Patent Appeals and Interferences (Interference No. 105,393), (December 12, 2003), 3 pgs.</u>	
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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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<b>Application Number</b>	10/771,788
<b>Filing Date</b>	February 4, 2004
<b>First Named Inventor</b>	Espiau, Frederick
<b>Group Art Unit</b>	2821
<b>Examiner Name</b>	Unknown

Sheet 15 of 16

Attorney Docket No: 2447.001US2

## **OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		VU, D. H., "Office Communication for U.S. Application Ser. No. 09/0809718, filed July 18, 2003", <u>Guthrie Exhibit 2096, Board of Patent Appeals and Interferences (Interference No. 105,393), (July 18, 2006),2 pgs.</u>	
		WESTBERG, D. J., "Response to Office Action Mailed June 17, 2002 (in IMPROVED HIGH INTENSITY LIGHT SOURCE, U.S. Patent Application Ser. No. 09/818,092, filed March 26, 2001)", <u>Espiau Exhibit 1043, Board of Patent Appeals and Interferences (Interference No. 105,393), (June 5, 2003),27 pgs.</u>	
		WHARMBY, D. O., "Chapter 11 - Electrodeless Lamps", In: Lamps & Lighting, 4th Edition, 1997 (Arnold & John Wiley & Sons, Inc.), <u>Espiau Exhibit 1039, Patent Appeals and Interferences (Interference No. 105,393), (1997),13 pgs.</u>	
		WHARMBY, D. O., "Corrected Third Declaration of David O. Wharmby", <u>Espiau Exhibit 1083, Board of Patent Appeals and Interferences (Interference No. 105,393), (August 3, 2006),28 pgs.</u>	
		WHARMBY, D. O., "Curriculum Vitae", <u>Espiau Exhibit 1038, Board of Patent Appeals and Interferences (Interference No. 105,393), (November, 2005),7 pgs.</u>	
		WHARMBY, D. O., "Declaration", <u>Espiau Exhibit 1040, Board of Patent Appeals and Interferences (Interference No. 105,393), (May 2, 2006),20 pgs.</u>	
		WHARMBY, D. O., "Deposition Transcript", <u>Espiau Exhibit 1061, Board of Patent Appeals and Interferences (Interference No. 105,393), (June 15, 2006),57 pgs.</u>	
		WHARMBY, D. O., "Electrodeless Lamps for Lighting: A Review", <u>IEE Proceedings-A, Vol. 140(6), Guthrie Exhibit 2085, Board of Patent Appeals and Interferences (Interference No. 105,393), (November, 1993),9 pgs.</u>	
		WHARMBY, D. O., "Errata to the Transcript of the June 15, 2006 Deposition of David O Wharmby", <u>Espiau Exhibit 1062, Board of Patent Appeals and Interferences (Interference No. 105,393), (July 7, 2006),4 pgs.</u>	
		WHARMBY, D. O., "Fourth Declaration of David O. Wharmby", <u>Espiau Exhibit 1084, Board of Patent Appeals and Interferences (Interference No. 105,393), (August 31, 2006),18 pgs.</u>	
		WHARMBY, D. O., "Second Declaration", <u>Espiau Exhibit 1058, Board of Patent Appeals and Interferences (Interference No. 105,393), (May 23, 2006),5 pgs.</u>	
		WILSON, D. , "Declaration", <u>Guthrie Exhibit 2034, Board of Patent Appeals and Interferences (Interference No. 105,393), (December 12, 2005),3 pgs.</u>	
		WILSON, D. , et al., "ELECTRODE-LESS METAL HALIDE PLASMA LAMP WITH INTEGRATED ELECTRONICS", <u>U.S. Provisional Patent Application No. 60/224,290, filed August 10, 2000 (Guthrie Exhibit 2052, Board of Patent Appeals and Interferences (Interference No. 105,393)),</u>	
		WILSON, D. , "Guthrie Declaration of Donald Wilson", <u>Guthrie Exhibit 2039, Board of Patent Appeals and Interferences (Interference No. 105,393), (February 18, 2006),10 pgs.</u>	

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Filing Date	February 4, 2004
First Named Inventor	Espiau, Frederick
Group Art Unit	2821
Examiner Name	Unknown

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		WILSON, D. , et al., "HIGH TEMPERATURE, LOW COST WINDOW SEALING TECHNIQUE FOR PLASMA LAMPS", U.S. Provisional Application No. 60/224,291, filed August 10, 2000 (Guthrie Exhibit 2053, Board of Patent Appeals and Interferences (Interference No. 105,393)).	
		WILSON, D. , et al., "LIGHT SOURCE CONSISTING OF AN ELECTRODE-LESS METAL HALIDE PLASMA BULB THAT IS INTEGRATED INTO A WAVE-GUIDE", U.S. Provisional Patent Application Ser. No. 60/224,289, filed August 10, 2000 (Guthrie Exhibit 2051, Board of Patent Appeals and Interferences (Interference No. 105,393)).	
		WILSON, D. , et al., "MEANS TO REDUCE EMI IN A WAVE-GUIDE", US Provisional Patent Application Ser. No. 60/224,503, filed August 10, 2000 (Guthrie Exhibits 2029 and 2102, Board of Patent Appeals and Interferences (Interference No. 105,393)), 20 pgs.	
		WILSON, D. , et al., "R.F. WAVE-GUIDE INTO WHICH AN INSERT OF A HERMETRIC MATERIAL THAT HAS BEEN EITHER MOLDED OR PLASMA DEPOSITED", U.S. Provisional Patent Application Ser. No. 60/224,257, filed August 10, 2000 (Guthrie Exhibit 2050, Board of Patent Appeals and Interferences (Interference No. 105,393)).	
		WILSON, D. , et al., "USE OF A COATING TO PREVENT THE REDUCTION OF CERAMIC TO ELEMENTAL METAL IN THE BULB OF A WAVE-GUIDE LAMP", U.S. Provisional Application No. 60/224,866, filed August 11, 2000 (Guthrie Exhibit 2055, Board of Patent Appeals and Interferences (Interference No. 105,393)).	
		WILSON, D. , et al., "USE OF A HEAT SINK IN A PLASMA LIGHT SOURCE (LOCATED BETWEEN A WAVE GUIDE THAT INCORPORATES THE BULB AND THE DRIVE ELECTRONICS)", US Provisional Patent Application Ser. No. 60/224,961, filed August 11, 2000 (Guthrie Exhibit 2030, Board of Patent Appeals and Interferences (Interference No. 105,393)), 6 pgs.	
		WILSON, D. , et al., "USE OF A HEAT SINK IN A PLASMA LIGHT SOURCE (LOCATED EXTERNALLY AND SURROUNDING THE LAMP ASSEMBLY)", US Provisional Patent Application Ser. No. 60/224,617, filed August 11, 2000 (Guthrie Exhibits 2031 and 2103, Board of Patent Appeals and Interferences (Interference No. 105,393)), 20 pgs.	

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### LIST OF MOTIONS, OPPOSITIONS AND REPLIES

Title	Comments
NEIFELD, R.; Espiau Motion 2 for Judgment that Espiau's Claims are Unpatentable to Guthrie dated May 2, 2006 (49pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
NEIFELD, R.; Espiau Motion 3 to Deny Guthrie Benefit of Provisionals dated May 2, 2006 (42pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
NEIFELD, R.; Espiau Motion 4 to add Count 2 dated May 2, 2006 (83pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
MORGAN, R.C.; Espiau Opposition 1 dated July 18, 2006 (51pp), submitted to the USPTO in Patent Interference No. 105,393	Cited in attached IDS
MORGAN, R.C.; Espiau Opposition 2 dated July 18, 2006 (50pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
MORGAN, R.C.; Espiau Opposition 3 dated July 18, 2006 (45pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
MORGAN, R.C.; Espiau Opposition 4 dated July 18, 2006 (97pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
MORGAN, R. C.; Espiau Reply 2 Re Espiau's Motion 2 dated September 5, 2006 (101pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS

Title	Comments
MORGAN R. C.; Espiau Reply on Motion 3 dated September 5, 2006 (83pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
MORGAN, R. C.; Espiau Reply 4 dated September 5, 2006 (95pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
PISANO, N. A.; Guthrie Preliminary Motion 1 dated May 2, 2006, (27pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
PISANO, N. A.; Guthrie Miscellaneous Motion 2 dated May 2, 2006, (64pp), submitted to the USPTO in Patent Interference No. 105,393	Cited in attached IDS
PISANO, N. A.; Guthrie Preliminary Motion 3 dated May 2, 2006, (18pp), submitted to the USPTO in Patent Interference No. 105,393	Cited in attached IDS
PISANO, N. A.; Guthrie Contingent Responsive Motion 4 dated May 23, 2006 (57pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
PISANO, N. A.; Guthrie Opposition to Espiau Motion 2 dated July 18, 2006 (84pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
PISANO, N. A.; Guthrie Opposition to Espiau Motion 3 dated July 18, 2006 (70pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
PISANO, N. A.; Guthrie Opposition to Espiau Motion 4 dated July 18, 2006 (92pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
PISANO, N. A.; Guthrie Reply 1 dated September 5, 2006 (52pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS

Title	Comments
PISANO, N. A.; Guthrie Reply 2 dated September 5, 2006 (47pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
PISANO, N. A.; Guthrie Reply 3 dated September 5, 2006 (45pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS
PISANO, N. A.; Guthrie Reply 4 dated September 5, 2006 (93pp), submitted to the USPTO in Patent Interference No. 105,393.	Cited in attached IDS

### LIST OF EXHIBITS

Exhibit No.	Title from Exhibit Lists in Interference No. 105,393	Comments
1006	Image File Wrapper For 60234415 filed 9-21-2000	US-60/234,415 was previously cited in IDS dated 05/31/05
1007	USP 6737809 Issued From 09809718 to Espiau	Issued patent from parent application
1008	USP 6137237 to MacLennan	Previously cited in IDS dated 03/20/06
1009	USP 6617806 to Kirkpatrick	Previously cited in IDS dated 03/20/06
1010	USP 4498029 to Yoshizawa	Previously cited in IDS dated 03/20/06
1011	USP 6049170 to Hochi	Cited in attached IDS
1012	FWH Of 60222028 to Espiau	Cited in attached IDS
1013	Involved Espiau Application As Filed From USPTO Produced Documents	Cited in attached IDS
1018	Google coating definition search	Cited in attached IDS
1019	Coating Definition From WWW-Answers-com	Cited in attached IDS
1020	Coating Definition From Free Online Dictionary	Cited in attached IDS
1021	Coating Definition From WordReference-com	Cited in attached IDS

<b>Exhibit No.</b>	<b>Title from Exhibit Lists in Interference No. 105,393</b>	<b>Comments</b>
1024	First page and page 12 of Guthrie's amendment and request for interference filed 11-29-2004	Included in IDS dated 05/31/05 as part of "PISANO, N.A., Amendment and Request for Interference (12pp) and Appendix A (9pp) submitted in US Pat. Appln. Ser. No. 09/818,092 to Guthrie et al., to USPTO on 11/29/2004"
1025	UCLA 164AL Winter 1991 Handout for Experiment 3: Cavity Resonator	Cited in attached IDS
1026	UCLA 164AL Winter 1995 Handout for Experiment 3: Cavity Resonator	Cited in attached IDS
1027	Pobanz April 7, 2000 MasterCard statement	See Exhibit 1052
1028	Pobanz May 8, 2000 MasterCard statement	See Exhibit 1053
1029	Joshi Notebook entries April 12, 2000 through April 20, 2000	Cited in attached IDS
1030	Pobanz Declaration	Cited in attached IDS
1031	Joshi Handwritten "Integrated Lamp-Waveguide Concept" with attached Turner note	Cited in attached IDS
1032	Simon July 11, 2000 email with attached "Integrated Lamp waveguide Concept.doc"	Cited in attached IDS
1034	Turner Declaration	Cited in attached IDS
1035	Pozar CV	Cited in attached IDS
1036	Pozar Section 5.8 Tapered Lines from Microwave Engineering, 3rd Ed.	Cited in attached IDS
1037	Pozar Declaration	See Exhibit 1056



<b>Exhibit No.</b>	<b>Title from Exhibit Lists in Interference No. 105,393</b>	<b>Comments</b>
1038	Wharmby CV	Cited in attached IDS
1039	Wharmby Chapter 11 from Lamps & Lighting, 4th Ed.	Cited in attached IDS
1040	Wharmby Declaration	Cited in attached IDS
1041	U.S. Patent No. 6,310,443	Previously cited in IDS dated 03/20/06
1042	Espiau Non-Provisional 15 March 2001	See Exhibit 1013
1043	Guthrie Amendment 10 June 2003	Cited in attached IDS
1044	Joshi Notebook entries April 12, 2000 through April 15, 2000	See Exhibit 1029
1045	Espiau Office Action 2 November 2002	See Exhibit 2087
1046	Espiau Reply to Office Action 29 September 2003	See Exhibit 2097
1047	Espiau Notice of Allowability 20 November 2003	Cited in attached IDS
1048	Guthrie Office Action 2 February 2004	Cited in attached IDS
1051	Espiau Declaration of Chandrashekhar J. Joshi	Cited in attached IDS
1052	Pobanz April 7, 2000 MasterCard statement (complete)	Cited in attached IDS
1053	Pobanz May 8, 2000 MasterCard statement (complete)	Cited in attached IDS
1054	Espiau Second Declaration of Carl W. Pobanz	Cited in attached IDS
1055	Espiau Declaration of Nina Simon	Cited in attached IDS

Exhibit No.	Title from Exhibit Lists in Interference No. 105,393	Comments
1056	Espiau Declaration of David M. Pozar (handwritten signature)	Cited in attached IDS
1057	Espiau Second Declaration of David M. Pozar	Cited in attached IDS
1058	Espiau Second Declaration of David O. Wharmby	Cited in attached IDS
1059	Espiau Notice of Deposition for Cross –Examination and Intent to Video Record the Deposition of Madhu S. Gupta	Notice of Deposition - not cited
1060	Guthrie Clean Copy of Claims	Corresponds to claims included in IDS dated 05/31/05 as part of “PISANO, N.A., Amendment and Request for Interference (12pp) and Appendix A (9pp) submitted in US Pat. Appln. Ser. No. 09/818,092 to Guthrie et al., to USPTO on 11/29/2004”
1061	Transcript of the June 15, 2006 Deposition of David O. Wharmby	Cited in attached IDS
1062	Errata to the Transcript of the June 15, 2006 Deposition of David O. Wharmby	Cited in attached IDS
1063	Transcript of the June 19, 2006 Deposition of David M. Pozar	Cited in attached IDS
1064	Errata to the Transcript of the June 19, 2006 Deposition of David M. Pozar	Cited in attached IDS
1065	CV of Dr. Brian P. Turner	Cited in attached IDS
1066	Espiau Declaration of Brian Turner	Cited in attached IDS
1067	Transcript of the Deposition of David B. Turner	Cited in attached IDS

<b>Exhibit No.</b>	<b>Title from Exhibit Lists in Interference No. 105,393</b>	<b>Comments</b>
1068	Transcript of the Deposition of Chandrashekar J. Joshi, Ph.D.	Cited in attached IDS
1069	Transcript of March 21, 2006 Telephone Conference	Cited in attached IDS
1070	US 4,908,492	Cited in attached IDS
1071	US 5,070,277	Previously cited in IDS dated 03/20/06
1072	US 4,206,387	Previously cited in IDS dated 03/20/06
1073	US 5,072,157	Previously cited in IDS dated 03/20/06
1074	Japan 8-148127	Cited in attached IDS
1075	Translation of Japan 8-148127	Cited in attached IDS
1076	Pozar Section 6.4 Circular Cavities from Microwave Engineering, 3rd Ed.	Cited in attached IDS
1077	Pozar Section 4.7 Excitation of Waveguides – Electric and Magnetic Currents from Microwave Engineering, 3rd Ed.	Cited in attached IDS
1078	Espiau Third Declaration of David M. Pozar	Cited in attached IDS
1079	“High Brightness Electrodeless Lamp for Projection Display” SID Symposium Digest of Technical Papers, Volume 30, Issue 1, pp. 1080-1083 (May 1999)	Cited in attached IDS
1080	“Optimal design of a nonimaging projector lens for use with an RF-powered source and a rectangular target”, Proc. SPIE vol 4446, 2001, 207-220	Cited in attached IDS
1081	Espiau Third Declaration of David O. Wharmby	See Exhibit 1083

Exhibit No.	Title from Exhibit Lists in Interference No. 105,393	Comments
1082	Kirkpatrick, Douglas A., "Aperture Lamps," Proceedings 9th International Symposium on Science & Technology of Light Sources, pp. 309-318, 12-16. (August 2001)	Cited in attached IDS
1083	Espiau Corrected Third Declaration of David O. Wharmby	Cited in attached IDS
1084	Espiau Fourth Declaration of David O. Wharmby	Cited in attached IDS
1085	Espiau Fourth Declaration of David M. Pozar	Cited in attached IDS
1086	Order Approving Trustee's Sale Of Debtor's Assets to Wilson/Guthrie	Cited in attached IDS
1087	Utility Patent Application Transmittal, 09/818,092	Corresponds to US-2001/0035720 previously cited in IDS dated 03/20/06
1088	Espiau Notice of Second Deposition for Cross -Examination and Intent to Video Record the Second Deposition of Madhu S. Gupta	Notice of deposition - not cited
1089	Espiau Errata to the Transcript of August 16, 2006 Deposition of Madhu S. Gupta, Ph.D.	Cited in attached IDS
1090	Luxim Corporation Consulting Agreement	Cited in attached IDS
1091	Espiau Second Declaration of Brian P. Turner	Cited in attached IDS
1092	Espiau Notice of Third Deposition for Cross-Examination of Madhu S. Gupta	Notice of deposition - not cited
1093	US Patent Pub. 2002/0001135 A1 to Berman et al.	Cited in attached IDS
1094	US Provisional Application 60/192,258	Cited in attached IDS

<b>Exhibit No.</b>	<b>Title from Exhibit Lists in Interference No. 105,393</b>	<b>Comments</b>
1095	USP 6962426 B2 to Slobodin	Cited in attached IDS
1096	File History of USP 6962426 B2	Cited in attached IDS
1097	File History of USP 6566817 B2	Cited in attached IDS
1098	USP 6566817 B2 to Lapatovich	Cited in attached IDS
1099	Transcript of Deposition of Brian T. Turner, Ph.D., dated October 6, 2006	Cited in attached IDS
1100	Neifeld May 9, 2006 email with attached "Espiau's Objections to Guthrie's Preliminary Motion Exhibits"	Cited in attached IDS
1101	Neifeld May 30, 2006 email with attached "Espiau's Objections to Guthrie's Responsive Motion Exhibits"	Cited in attached IDS
1102	Johnson October 16, 2006 email with attached "Espiau's Objections to Guthrie's Reply Exhibits (Exhibits 2119 and 2120)"	Cited in attached IDS
1103	Bergan September 8, 2006 email with attached "Espiau's Objections to Guthrie's Reply Exhibits (Exhibits 2123, 2124, 2125 and 2126)"	Cited in attached IDS
2001	Amendment and Request for Interference filed April 30, 2004	Cited in attached IDS
2002	Office action dated July 27, 2004	Cited in attached IDS
2003	Amendment and Request for Interference filed November 29, 2004	Previously cited in IDS dated 05/31/05
2004	Declaration of Edmund Sandberg executed November 19, 2004	Previously cited in IDS dated 05/31/05
2005	Declaration of Gregory Prior executed November 22, 2004	Previously cited in IDS dated 05/31/05

<b>Exhibit No.</b>	<b>Title from Exhibit Lists in Interference No. 105,393</b>	<b>Comments</b>
2006	Declaration of Charles Guthrie	Cited in attached IDS
2007	Deposition Transcript of Forrest Wayne Catlett	Cited in attached IDS
2008	Declaration of Tony Thomas	Cited in attached IDS
2009	Microwave Energized Plasma Lamps, Luxim Corporation	Cited in attached IDS
2010	Declaration of Edmund Sandberg executed February 20, 2006	Cited in attached IDS
2011	Declaration of Eric Hoover, Esq.	Cited in attached IDS
2012	Declaration of Michael Stallman, Esq.	Cited in attached IDS
2013	Declaration of Timothy Lohse, Esq.	Cited in attached IDS
2014	Priority-Claimed Disclosure materials – File: Light Source 2.2	Cited in attached IDS
2015	Priority-Claimed Disclosure materials – File: Light Source 2.3	Cited in attached IDS
2016	Priority-Claimed Disclosure materials – File: Light Source 2.4	Cited in attached IDS
2017	Priority-Claimed Disclosure materials – File: Light Source 2.5	Cited in attached IDS
2018	Priority-Claimed Disclosure materials – File: Light Source 2.7	Cited in attached IDS
2019	Priority-Claimed Disclosure materials – File: Light Source 2.8	Cited in attached IDS
2020	Priority-Claimed Disclosure materials – File: Light Source 2.13	Cited in attached IDS
2021	Other Disclosure materials – File: Light Source 2.1	Cited in attached IDS

<b>Exhibit No.</b>	<b>Title from Exhibit Lists in Interference No. 105,393</b>	<b>Comments</b>
2022	Other Disclosure materials – File: Light Source 2.2A	Cited in attached IDS
2023	Other Disclosure materials – File: Light Source 2.6	Cited in attached IDS
2024	Other Disclosure materials – File: Light Source 2.9	Cited in attached IDS
2025	Other Disclosure materials – File: Light Source 2.10	Cited in attached IDS
2026	Other Disclosure materials – File: Light Source 2.11	Cited in attached IDS
2027	Provisional Application 60/224,061	Cited in attached IDS
2028	Provisional Application 60/224,060	Cited in attached IDS
2029	Provisional Application 60/224,503	Cited in attached IDS
2030	Provisional Application 60/224,961	Cited in attached IDS
2031	Provisional Application 60/224,617	Cited in attached IDS
2032	Correction Documentation	Cited in attached IDS
2033	U.S. Patent Application 09/818,092	Corresponds to US-2001/0035720 previously cited in IDS dated 03/20/06
2034	Wilson Declaration of December 12, 2005	Cited in attached IDS
2035	Sandberg Declaration of December 12, 2005	Cited in attached IDS
2036	Picture of 1999 Lamp Fixture	Cited in attached IDS

<b>Exhibit No.</b>	<b>Title from Exhibit Lists in Interference No. 105,393</b>	<b>Comments</b>
2037	Ceravision filing in U.K. Entitlement Action	Cited in attached IDS
2038	Luxim Response in U.K. Entitlement Action	Previously cited in IDS dated 03/20/06
2039	Declaration of Don Wilson executed February 18, 2006	Cited in attached IDS
2040	Photographs of full wavelength waveguide	Cited in attached IDS
2041	Photographs of half wavelength waveguide	Cited in attached IDS
2042	Photograph of gas-filled quartz bulbs	Cited in attached IDS
2043	SPL020 Engineering Drawing (or drawing from Coorstek)	Cited in attached IDS
2044	Diligence Calendar	Cited in attached IDS
2045	Provisional application 60/192,731	Cited in attached IDS
2046	U.S. Patent No. 6,737,809	Issued patent from patent application
2047	Webster's II New College Dictionary definition of "waveguide"	Cited in attached IDS
2048	Half wavelength waveguide drawing (CTS010)	Cited in attached IDS
2049	Provisional Application 60/224,059	Cited in attached IDS
2050	Provisional Application 60/224,257	Cited in attached IDS
2051	Provisional Application 60/224,289	Cited in attached IDS
2052	Provisional Application 60/224,290	Cited in attached IDS



<b>Exhibit No.</b>	<b>Title from Exhibit Lists in Interference No. 105,393</b>	<b>Comments</b>
2053	Provisional Application 60/224,291	Cited in attached IDS
2054	Provisional Application 60/224,298	Cited in attached IDS
2055	Provisional Application 60/224,866	Cited in attached IDS
2056	PCT Application International Publication No. WO 02/11181	Cited in attached IDS
2057	Declaration of Andy Neate	Cited in attached IDS
2058	Andy Neate Engineering Report	Cited in attached IDS
2059	Turner e-mail of April 16, 2000	Cited in attached IDS
2060	LWG001 Engineering Drawing	Cited in attached IDS
2061	SPL002 Engineering Drawing	Cited in attached IDS
2062	WGC003 Engineering Drawing – Ceramic Block	Cited in attached IDS
2063	WGC003 Engineering Drawing – Waveguide Package	Cited in attached IDS
2064	WGC003 Engineering Drawing – Waveguide with Heat Sink	Cited in attached IDS
2065	Turner e-mail of May 15, 2000, 10:19 p.m.	Cited in attached IDS
2066	Turner e-mail of May 15, 2000, 10:38 p.m.	Cited in attached IDS
2067	DRI Presentation	Cited in attached IDS
2068	Turner e-mail of May 17, 2000	Cited in attached IDS

<b>Exhibit No.</b>	<b>Title from Exhibit Lists in Interference No. 105,393</b>	<b>Comments</b>
2069	Turner e-mails of May 18, 2000, with Attached PowerPoint Presentation	Cited in attached IDS
2070	Final PowerPoint Presentation	Cited in attached IDS
2071	Declaration of Art Berman	Cited in attached IDS
2072	Declaration of Nicola A. Pisano	Cited in attached IDS
2073	Declaration of Milan Patel	Cited in attached IDS
2074	Declaration of David E. Smoler	Cited in attached IDS
2075	Declaration of Stephen Everett	Cited in attached IDS
2076	Second Declaration of Nicola A. Pisano	Cited in attached IDS
2077	CD of Limbach files DTGL/10	Electronic copy of files corresponding to other Exhibits
2078	File History for U.S. Patent No. 6,922,021	Cited in attached IDS
2080	U.S. Patent No. 4,954,755	Previously cited in IDS dated 03/20/06
2081	U.S. Patent No. 4,975,625	Previously cited in IDS dated 03/20/06
2082	U.S. Patent No. 5,594,303	Previously cited in IDS dated 03/20/06
2083	U.S. Patent No. 5,448,135	Previously cited in IDS dated 03/20/06
2084	International Publication No. WO 99/36940	Previously cited in IDS dated 03/20/06

Exhibit No.	Title from Exhibit Lists in Interference No. 105,393	Comments
2085	D.O. Wharmby, "Electrodeless lamps for lighting: a review", IEE Proceedings - A, Vol. 140, No. 6, November 1993, pages 465-473	Cited in attached IDS
2086	U.S. Patent No. 6,020,800	Cited in attached IDS
2087	'809 File history, Office action dated November 6, 2002	Cited in attached IDS
2088	'809 File history, Reply dated March 11, 2003	Cited in attached IDS
2089	Declaration of Madhu S. Gupta, Ph.D.	Cited in attached IDS
2090	Curriculum vitae of Madhu S. Gupta, Ph.D.	Cited in attached IDS
2091	U.S. Patent No. 6,922,021	Cited in attached IDS
2092	Petition to Accept Unintentionally Delayed Claim for Priority	Cited in attached IDS
2093	Disclosure for U.S. provisional patent application Serial No. 60/241,198	Cited in attached IDS
2094	Disclosure for U.S. provisional patent application Serial No. 60/262,536	Cited in attached IDS
2095	Originally filed specification for U.S. patent application Serial No. 09/809,718	See Exhibit 1013
2096	'809 File history, Office Communication dated July 18, 2003	Cited in attached IDS
2097	'809 File history, Reply filed September 27, 2003	Cited in attached IDS
2098	U.S. Patent No. 5,910,754	Cited in attached IDS
2099	U.S. Patent No. 5,313,373	Cited in attached IDS

<b>Exhibit No.</b>	<b>Title from Exhibit Lists in Interference No. 105,393</b>	<b>Comments</b>
2100	U.S. Patent No. 6,196,297	Cited in attached IDS
2101	U.S. Patent No. 6,016,766	Cited in attached IDS
2102	U.S. provisional patent application Serial No. 60/224,503	Cited in attached IDS
2103	U.S. provisional patent application Serial No. 60/224,617	Cited in attached IDS
2104	TM 11-673, June 1953, cover page and pages 81-91.	Cited in attached IDS
2105	Second Declaration of Madhu S. Gupta, Ph.D.	Cited in attached IDS
2106	Transcript of March 21, 2006 hearing, cover page and pages 49-57.	See Exhibit 1069
2107	Notice of Cross-Examination of David O. Wharmby	Notice of cross-examination - not cited
2108	Excerpt from Electricity & Magnetism by Bleaney & Bleaney	Cited in attached IDS
2109	Notice of Cross-Examination of David Pozar	Notice of cross-examination - not cited
2110	Page from Thesaurus.com for "direct"	Cited in attached IDS
2113	Printouts of website for Turner Engineering Corporation	Cited in attached IDS
2114	Printouts of website for Luxim Corporation	Cited in attached IDS
2115	Dr. Joshi's laboratory notebook entries	See Exhibit 1029
2116	Laboratory notebook	See Exhibit 1029
2117	Transcript of June 22, 2006 Deposition of Madhu S. Gupta, Ph.D.	Cited in attached IDS

Exhibit No.	Title from Exhibit Lists in Interference No. 105,393	Comments
2119	Om P. Gandhi, "Microwave Engineering and Applications", pages 247-250	Cited in attached IDS
2120	Third Declaration of Madhu S. Gupta, Ph.D.	See Exhibit 2121
2121	Corrected Third Declaration of Madhu S. Gupta, Ph.D.	Cited in attached IDS
2122	Transcript of August 16, 2006 Deposition of Madhu S. Gupta, Ph.D.	Cited in attached IDS
2123	Transcript of August 24, 2006 hearing	Cited in attached IDS
2124	Fourth Declaration of Madhu S. Gupta, Ph.D.	Cited in attached IDS
2125	Internet Archive printout of Fusion Lighting's website as of September 25, 2001, at <a href="http://web.archive.org/web/20010602134016/fusionlighting.com/special.htm">http://web.archive.org/web/20010602134016/fusionlighting.com/special.htm</a>	Cited in attached IDS
2126	U.S. Patent Application 09/826,293 published as US-2002/0001056A1	Cited in attached IDS
2127	Guthrie's Objections to Espiau's Preliminary Motion Exhibits	Cited in attached IDS
2128	Guthrie's Objections to Espiau's Supplemental Preliminary Motion Exhibits	Cited in attached IDS
2129	Guthrie's Objections to Espiau's Reply Exhibits, July 25, 2006	Cited in attached IDS
2130	Guthrie's Objections to Espiau's Reply Exhibits, September 12, 2006	Cited in attached IDS
2132	Transcript of Deposition of Madhu S. Gupta, Ph.D., Vol. III, pages 196-291, October 3, 2006	Cited in attached IDS
2134	Guthrie's Objections to Exhibits Introduced in Espiau's Motion to Exclude	Cited in attached IDS